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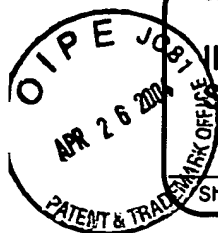
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete If Known

Application Number	10/690,785
Filing Date	October 21, 2003
First Named Inventor	John Arthur Cooper et al.
Group Art Unit	1724
Examiner Name	N/A
Attorney Docket Number	2896-6



U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
-10		US 3,194,629		Dreibelbis et al.	07/13/1985	
		US 3,447,359		S.F. Kapff	06/03/1969	
		US 3,791,196		Lepper, Jr.	02/12/1974	
		US 3,842,678		De Baun et al.	10/22/1974	
		US 3,849,537		Allguin et al.	11/19/1974	
		US 3,888,109		Sharki et al.	06/10/1975	
		US 3,892,549		Lyshkow	07/01/1975	
		US 3,956,458		Anderson	05/11/1976	
		US 4,036,253		Fegan et al.	07/19/1977	
		US 4,094,777		Sugier et al.	06/13/1978	
		US 4,402,916		Luetzeltschwab	09/06/1983	
		US 4,419,107		Roydhouse	12/06/1983	
		US 4,474,896		Chao	10/02/1984	
		US 4,500,327		Nishino et al.	02/19/1985	
		US 4,566,342		Kurz	01/28/1986	
		US 4,578,256		Nishino et al.	03/25/1986	
		US 4,679,628		Luetzeltschwab	07/14/1987	
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		US 4,903,492		King	02/27/1990	
TD		US 4,917,862		Kraw et al.	04/17/1990	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
-10			JP 49-43197	A	Osaka Soda Co., Ltd.	11/19/1974		
			JP 50-6438	A	Osaka Soda Co., Ltd.	03/13/1975		
			GB 2122916	A	Nishino et al.	01/25/1984		
TD			EP 0289809	A1	Vogg et al.	11/09/1988		

Examiner Signature



Date Considered

10/5/04

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Application Number	10/690,785
Filing Date	October 21, 2003
First Named Inventor	John Arthur Cooper et al.
Art Unit	1754
Examiner Name	N/A
Attorney Docket Number	2896-6

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Application Number	10/690,785
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First Named Inventor	John Arthur Cooper et al.
Group Art Unit	1724
Examiner Name	N/A
Attorney Docket Number	2896-6

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Td		J.A. COOPER ET AL., "Modification of TRC's Hazardous Element Sampling Train for Mercury Speciation in Utility Flue Gas," TRC Environmental Corp., Tigard, Oregon, Electric Power Research Institute, Palo Alto, California, pp. 1-16	
		H.GUTBERLET ET AL., "Behaviour of the Trace Element Mercury in Bituminous Coal Furnaces with Flue Gas Cleaning Plants," Media-Data of VGB Kraftwerkstechnik, June 4, 1991	
		BURN HALL ET AL., "Mercury Chemistry in Simulated Flue Gases Related to Waste Incineration Conditions," Environ. Sci. Technol., Vol. 24, No. 1, 1990, pp. 108-111	
		NINA BERGAN FRENCH, ET AL., "State-of-the-Art Mercury CEMs for Hazardous & Mixed Waste Incineration Applications," Environmental Science & Technology and Analytical Chemistry, Feb. 18, 1999, pp. 1-10	
		JOSEPH J. HELBLE, ET AL., "Control of Mercury Emissions from Coal-Fired Power Plants," National Center for Environmental Research, U.S. Environmental Protection Agency, Oct. 31, 2000, http://es.epa.gov/ncercqa_abstracts/grants/99/enveng/helble.html	
		S.E. LINDBERG, ET AL., "Atmospheric Mercury Speciation: Concentrations and Behavior of Reactive Gaseous Mercury in Ambient Air," Environ. Sci. Technol., Vol. 32, No. 1, 1998, pp. 48-57	
		PATRICIO E. TRUJILLO, ET AL., "Development of a Multistage Air Sampler for Mercury," Analytical Chemistry, Vol. 47, No. 9, August 1975, pp. 1629-1634	
		YOSHIMI MATSUMURA, "Adsorption of Mercury Vapor on the Surface of Activated Carbons Modified by Oxidation or Iodization," Atmospheric Environment, Vol. 8, pp. 1321-1327	
		JOHN A. COOPER, "Recent advances in sampling and analysis of coal-fired power plant emissions for air toxic compounds," Fuel Processing Technology, Vol. 39, 1994, pp. 251-258	
✓		S.V. KRISHNAN, ET AL., "Sorption of Elemental Mercury by Activated Carbons," Environ. Sci. Technol., 1994, 28, pp. 1506-1512	
Td		BABU R. NOTT, ET AL., "Evaluation and Comparison of Methods for Mercury Measurement in Utility Stack Gas," Elec. Power Res. Inst, Palo Alto, CA, U.S. Environ. Prot. Agen., Research Triangle Park, NC, Radian Corp., Austin, TX, Deeco, Inc., Cary, NC, Frontier Geosciences, Seattle, WA, Mass. Inst. Of Technol., Cambridge, MA, Chester Environ., Tigard OR, pp. 1-15	

Examiner Signature	<i>[Signature]</i>	Date Considered	10/5/04
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